

# **NAVSEA**

## **Indian Head**

### **Surface Warfare Center**

#### **Division**



*Qualified Bidders List (QBL)*  
*Applications and Instructions*  
*(REVISED Feb 1, 2003)*



AIRCREW ESCAPE PROPULSION SYSTEMS (AEPS), PROPELLANT ACTUATED DEVICES (PADS), CARTRIDGE ACTUATED DEVICES (CADS) AND OTHER ENERGETIC DEVICES PRODUCED AT THE INDIAN HEAD DIVISION NAVSEA (IHDIVNAVSURFWARCEM)

(AEPS) devices are made up of a combination of PADS and CADS which propel a pilot or crew member out of the aircraft during emergency ejection. At Indian Head, we are responsible for the production, design, and testing of units used throughout the United States Navy, Air Force, and allied forces military aircraft.

#### Propellant Actuated Devices (PADS)

We produce approximately ten different models of the AEPS devices at an estimated rate of 2,000 total units per year. Each device consists of up to 50 components including a mixture of both CADS and PADS. These assemblies contain a wide variety of components ranging from simple screws and production tooling to complex nozzles. IHDNAVSEA manufactures the propellant, and assembles the units from the various parts we procure from vendors throughout the world.

#### Cartridge Actuated Devices (CADS)

We also produce a wide variety of CADS for use in other applications. These are made in quantities ranging from two hundred to as high as fifteen thousand units per year. These applications include canopy removal and airdrop load control assistance.

The most frequently purchased and difficult to produce of the above parts are represented in the Qualified Bidders List.

It is our highest priority to ensure the safety of the aircrew and its cargo. The QBL ensures that we obtain the highest quality hardware at a fair price and in a timely manner. In doing this, our QBL vendors are assured of a long term relationship and membership in a team of professionals working together to accomplish the same goals.

## PART I -INTRODUCTION

1. The IHDIVNAVSURFWARCEN has established a QBL to be utilized in the procurement of certain metal components used in the assembly of AEPS devices. This QBL was established in accordance with the Federal Acquisition Regulation, Chapter 9 Subpart 2. Future requirements for the" components listed herein shall be procured from only QBL approved sources.<sup>1</sup>

2. The purpose of this qualification package is to acquaint interested vendors with the metal parts approved for purchase under the QBL and to explain the qualification criteria. Basically, there are two ways in which a vendor can qualify. Both methods require successful completion of a technical survey.

a. The first method (Method A) is to submit ten sample pieces to the Naval Surface Warfare Center for testing and evaluation; the second method (Method B) is a waiver of the production process for vendors who have previously made the same or similar item for which qualification is desired. Both methods shall be explained in greater detail later in this package.

b. Each part on the Qualified Bidders List must be qualified independently. Applicants without previous production experience must follow the qualification criteria explained in Part II Method A. Applicants with previous production experience involving these or similar components may be added to the QBL without the need for manufacturing samples as explained in Part II -Method B.

3. Enclosure (1) provides a list of the metal components covered in the QBL along with expected lead times and quality requirements. Enclosure (1) also provides the latest procurement history on all items. The aperture electronic drawing copies accompanying this package may be retained for future reference. Military standards and specifications may be obtained from Commanding Officer (Code 301) Navy Publications and Forms Center, 5801 Tabor Ave., Philadelphia, Pennsylvania 19120- 5099.

1 When no QBL approved source exists, the procurement will be released in a Full and Open Competitive Environment.

## PART II -QUALIFICATION METHODS

### Method A Qualification

1. After receiving this qualification package, applicants should notify the QBL coordinator (Code 1142) of their interest and should submit a copy of their Quality manual for evaluation by the QBL Committee. After evaluation and acceptance of the submitted Quality Manual a technical survey will be scheduled. will make every attempt to complete the survey within 60 days.

2. All QBL applicants must pas a technical survey, regardless of qualification method. The survey will be conducted by IHDIIVNAVSURFWARCEN personnel at the applicant's facility and shall be performed prior to beginning the manufacturing process. Compliance with appropriate quality specifications, as noted in enclosure (1) or others as required will be determined during the survey. Other areas to be investigated are:

Technical Capability

Production Capability

Plant Facility and Equipment

Subcontracting

Labor/Resources

Performance Record

Ability to meet Delivery Requirements

Knowledge of Drawing Requirements including a working knowledge of ASME-Y14.5M-1994

3. Applicant's who successfully complete the technical survey shall notify IHDIIVNAVSURFWARCEN Code 1142 of the component numbers they wish to qualify. IHDIIVNAVSURFWARCEN will then assign a control number for each component.

4. Within the qualification lead time specified in enclosure (1), and at the applicant's own expense, the applicant must provide ten (10) samples for which control numbers have been assigned. The government will not provide reimbursement for the samples; however, in some instances, raw materials may be available. Contact IHDIIVNAVSURFWARCEN Code 1142 for further information regarding available material.

5. The samples shall be produced using tooling, test equipment and processes intended for follow-on production and shall be marked with a unique serial number consisting of the assigned control number, followed by -1, -2, -3 etc. The applicant must perform 60% or more of the cost of the production process in-house and shall furnish a list of all subcontracted functions with name and address of subcontractors to IHDIIVNAVSURFWARCEN Code 1142 upon submission of samples. Qualified vendors shall notify IHDIIVNAVSURFWARCEN Code 1142 of a change in manufacturing processes or inspection methods made by either themselves or their subcontractors.

6. Subcontractors of qualifying applicants must meet all requirements specified in this package. The government reserves all rights to perform technical survey at a subcontractor's facility.

7. The following information must be submitted with the samples:

a. Actual inspection and test data, by serial number, as well as all other data referenced in MIL-I-45208A Para's 3.2.1 and 3.2.2 for all critical and major classified dimensions.

b. Chemical, composition, physical properties and certificates of analysis as dictated by the drawing.

c. List of Subcontractors/functions

8: The samples and associated documentation shall be packaged and shipped in accordance with MIL-STD-2073-1, unless otherwise specified by the component drawing. Additionally, each box must be labeled with a green QBL tag which will be issued to the vendor when the control number is assigned.

9. Applicants are reminded that samples must be submitted within the qualification lead time specified in enclosure (1). Submission of "acceptable sample after the required delivery date may be cause for rejection of the samples for non-qualification.

10. The samples will be inspected at IHDIVNAVSURFWARCEN to "the criteria listed in the applicable specifications and drawings. Within 90 calendar days from receipt of the samples and required information, IHDIVNAVSURFWARCEN shall test and inspect the samples and shall notify the applicant of their QBL status.

11. The applicant shall provide disposition instructions with the samples. These instructions will apply only to those samples that are not destructively tested. Typically, one or two samples are destructively tested during evaluation. If no instructions are provided, title and ownership of the samples will revert to the government. If so requested, samples will be returned to the applicant at the applicant's expense. These samples will be returned in the most economical manner available to the government.

12. Enclosure (1) also provides previous contract history on QBL items. Please note that all pricing may not have been obtained through the QBL. For further pricing details, contact IHDIVNAVSURFWARCEN Code 1142.

## Method B Qualification

1. Applicants who have previously produced parts that are listed on the QBL but are not currently considered qualified, or applicants that have produced similar parts, may become qualified through the waiver process by satisfying the following criteria:

- a. submission/acceptance of waiver request
- b. successful completion of technical survey

2. Applicants must submit a Request for Waiver utilizing enclosure (3). All supporting documentation to justify the waiver request shall be presented, by the applicant, at time of submission. Missing documentation may be cause for rejection of the waiver request by this Activity.

3. The following criteria will be utilized by members of the IHDIVNAVSURFWARCEN QBL Committee to determine if the waiver will be granted.

a. Compliance with appropriate quality assurance specification, MIL-I-45208A Amendment 2 or equivalent, as determined by, IHDIVNAVSURFWARCEN personnel during an on-sight technical survey. The survey will be conducted by IHDIVNAVSURFWARCEN personnel at the applicant's facility. The vendor shall request the technical survey by providing IHDIVNAVSURFWARCEN, Code 1142, a copy of the facility's current Quality Control Manual. Areas to be investigated during the survey include:

Technical Capability

Production Capability

Plant Facility and Equipment

Subcontracting

Labor/Resources

Performance Record

Ability to meet Delivery Requirements

Knowledge of Drawing Requirements including a working knowledge of ASME-Y14.5M-1994

b. Degree of difficulty of item previously produced if applying under similarity of design. Enclosure (2), is provided as a guideline to assist the applicant in determining the level of difficulty associated with all QBL hardware. This is to be considered a guideline only and does not imply automatic qualification to any applicant or previous manufacturer. All waiver requests are considered individually based on a vendor's proven ability.

4. The applicant must have performed 60% or more of the cost of the production process in-house and shall furnish a list of all subcontracted functions with name and address of subcontractors to IHDIVNAVSURFWARCEN Code 1142 upon submission of waiver request. Qualified vendors shall notify IHDIVNAVSURFWARCEN Code 1142 of any change in subcontractors for contract purposes.

5. Subcontractors of qualifying applicants must meet all requirements specified in this package. The government reserves all rights to perform a technical survey at a subcontractor's facility.

6. Applicants who have historically produced these items but do not meet the above criteria are not eligible for a waiver and shall be required to qualify for the QBL as outlined in Method A.

7. Applicants shall be notified of their QBL qualification status within 90 calendar days after government receipt of the waiver request.

### PART III -DISQUALIFICATION CRITERIA

1. The QBL vendor may be removed from the QBL if one of the following occurs:

a. Late or non-delivery from the vendor on same or similar parts.

b. Poor quality parts are received from the vendor (i.e. fails to meet drawing requirements and/or production inspection as required by the contract.)

c. Failure to maintain or be otherwise qualified or eligible to receive an award under applicable laws and regulations.

d. Failure to maintain compliance with appropriate quality assurance standards/specifications (i.e. MIL-I-45208A Amendment 2 or equivalent)

e. Major corporate changes; personnel or financial (i.e. takeover, bankruptcy).

f. Major technical capability changes (i.e. loss of key personnel, subcontractors and/or equipment

g. Establishes a history of unacceptable quality/delivery status involving QBL or other than QBL or Propellant Actuated (PAD) items received at IHDIVNAVSURFWARCEN or other facilities.

#### PART IV -FUTURE OBL SOLICITATIONS

1. Those who qualify for inclusion on the QBL, shall be qualified immediately for future procurement's of that component. Qualified vendors will automatically receive solicitations upon release. Such procurement's must be announced in the Commerce Business Daily:. Projected annual requirements per component are approximately 200-1,000 each.
2. Requests for additional applicants for QBL qualification shall occur every two years.
3. Vendors desiring to apply for QBL inclusion may, at any time, request entrance into the qualification program.



# PAST HISTORY AND QUALIFICATION REQUIREMENTS

	PROGRAM	PART NAME	PART NUMBER	NEW=N OLD=O	TUBE=T MACH PART = M CASTING = C PLASTIC =P FORMED=F	QUAL LEAD TIME	PROD LEAD TIME	QUAL RQMTS	LAST CONTRACT	QTY	UNIT PRICE
1	CKU 10	NOZZLE	513-174-0102	O	M	180 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	00-C-0056	250	\$ 321.00
2	CKU 10/11	CASE CARTRIDGE	513-174-0120	N	M	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-C-0054	900	\$ 10.90
3	CKU 10/11	BREECH	513-174-0143	O	M	210 DAYS	240 DAYS	MIL-I-45208 OR EQUIV	00-C-0055	250	\$ 318.25
4	CKU 10/11	HEAD	513-174-0148	O	M	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	00-C-0056	250	\$ 321.93
5	CKU 10/11	TRUNNION	513-174-0147	O	M	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	00-C-0057	250	\$ 200.00
6	CKU 10/11	LOCK	513-174-0115	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	00-C-0058	250	\$ 198.95
7	CKU 10/11	MOTOR TUBE	513-174-0101	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	00-C-0071	250	\$ 642.00
8	CKU 10/11	LAUNCHER TUBE	513-174-0146	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	00-C-0071	250	\$ 488.00
9	CKU 10/11	TUBE INHIBITOR	513-174-0138	N	T/P	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
10	CKU 10/11	GRAIN SLEEVE	513-174-0104	N	T/P	190 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	01-M-0169	500	\$ 161.13
11	CKU 10/11	UNLOCK PISTON	513-174-0134	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-C-0054	1000	\$ 23.00
12	CKU 10/11	IGNITER HEAD	513-174-0127	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-C-0054	800	\$ 72.00
13	CKU 10/11	1 PIECE LOCK	SK5130K-M9-9501	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-C-0058	25	\$ 406.66
14	CKU 10/11	CASTING TOOLING	94D-Y-076	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
15	CKU 11	NOZZLE	513-174-0201	O	M	180 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	95-C-0059	50	\$ 345.00
16	CKU 5/A/A	HEAD	11744255	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	01-M-0232	380	\$ 20.42
17	CKU 5/A/A	FIRING PIN HSG	5184326	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	01-C-0090	380	\$ 38.96
18	CKU 5/A/A	BREECH	11743979	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	91-C-0053	500	\$ 37.45
19	CKU 5/A/A	TANG RET ASSY	515-174-0008	O	M	120 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	01-C-0054	600	\$ 167.35
20	CKU 5/A/A	NOZZLE	11743978	O	C	240 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	95-C-0059	50	\$ 345.00
21	CKU 5/A/A	MOTOR TUBE	11726650	O	T	210 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	91-C-0137	1200	\$ 245.00
22	CKU 5/A/A	BOOSTER TUBE	11726656	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	94-C-0042	500	\$ 198.55
23	CKU 5/A/A	LAUNCHER TUBE	11726800	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	93-C-0091	700	\$ 201.55
24	CKU 5/A/A	RETAINER	11744248			150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	01-C-0088	2000	\$ 14.55
25	CKU 5/A/A	TANG	11726657			150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	91-C-0084	1600	\$ 101.50
26	CKU 5/A/A	CARTRIDGE CASE	11740606	O	T	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	01-C-0086	2000	\$ 12.00
27	CKU 7/A	TRACK	10551421	O	C	240 DAYS	240 DAYS	MIL-I-45208 OR EQUIV	91-C-0008	1000	\$ 312.63
28	CKU 7/A	RELEASE	10551416	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	91-C-0144	800	\$ 16.31
29	CKU 7/A	NOZZLE	10551414	O	M	210 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	91-C-0146	300	\$ 205.95
30	CKU 7/A	RETAINER	10551418	O	M	210 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	91-C-0146	300	\$ 254.60
31	CKU 7/A	SLEEVE	10551420	O	M	150 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	91-C-0155	500	\$ 93.40
32	CKU 7/A	MOTOR TUBE	10441424	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	91-D-0011	400	\$ 154.00
33	CKU 7/A	BOOSTER TUBE	10551422	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	91-D-0011	400	\$ 155.00
34	CKU 7/A	LAUNCHER TUBE	10551423	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	91-D-0011	400	\$ 131.00
35	CKU 7/A	HEAD	10551412	O	C	180 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	94-C-0055	1500	\$ 10.52
36	CKU 7/A	CAM	10551411	O	M	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	02-C-0006	300	\$ 35.42
37	CKU 7/A	MOUNT	10551413	O	M	180 DAYS	210 DAYS	MIL-I-45208 OR EQUIV	91-C-0155	700	\$ 140.11
38	CKU 7/A	GRAIN SLEEVE	11820366			90 DAYS	90 DAYS	MIL-I-45208 OR EQUIV	01-M-0157	550	\$ 180.00
39	CKU 7/A	RELEASE	SK5120A-CKU-7-9901	N	M	120 DAYS	90 DAYS	MIL-I-45208 OR EQUIV	NEED NEW DATA		
40	JAU-9	FWD CLOSURE	SK4505771	N	M	120 DAYS	90 DAYS	MIL-I-45208 OR EQUIV			
41	JAU-9	MTR. CHAM. INS	4505772	N	M/P	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			

PAST HISTORY AND QUALIFICATION REQUIREMENTS

	PROGRAM	PART NAME	PART NUMBER	NEW=N OLD=O	TUBE=T MACH PART = C M CASTING = P PLASTIC = F FORMED=F	QUAL LEAD TIME	PROD LEAD TIME	QUAL RQMTS	LAST CONTRACT	QTY	UNIT PRICE
42	JAU-9	NOZZLE ASSY	SK4505780	N	M/P	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
43	LTM BODY	BODY	844AS475	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
44	MK 1	BOOSTER CHARGE SUPP	657441	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	02-H-05L9	100	\$ 236.00
45	MK 1	MOTOR TUBE	657445	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	93-C-0042	75	\$ 246.00
46	MK 1	LAUNCHER TUBE	1554957	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	93-C-0046	150	\$ 298.00
47	MK 1	BOOSTER TUBE W/DMT	1554950	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	94-C-0043	100	\$ 303.00
48	MK 1	NOZZLE ASSY	657447	O	C	240 DAYS	240 DAYS	MIL-I-45208 OR EQUIV	97-M-1630	100	\$ 675.00
49	MK 1	LAUNCHER BREECH	657444	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	91-M-1501	200	\$ 106.52
50	MK 1	BREECH CAN	4902570			150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	02-H-0346	100	\$ 83.87
51	MK 106	MOTOR CASE	1506AS106	N	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV			
52	MK 109	INSERT	1507AS128	N	P	90 DAYS	90 DAYS	MIL-I-45208 OR EQUIV	01-H-02KH	60	\$ 29.88
53	MK 109	IGNITION CAP	1507AS127	N	M	90 DAYS	90 DAYS	MIL-I-45208 OR EQUIV	01-H-02L2	60	\$ 51.28
54	MK 109	CASTING TOOLING	89C-Y-066	N	M	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
55	MK 12	CAT TUBE	2577731	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	90-C-0004	40	\$ 493.00
56	MK 12	TRUNNION	2577733-2	O	C	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	90-M-1536	40	\$ 250.00
57	MK 12	NOZZLE	2577736	O	C	240 DAYS	240 DAYS	MIL-I-45208 OR EQUIV	90-M-1569	37	\$ 523.00
58	MK 12	HEAD CARTRIDGE	709AS116			90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
59	MK 12/18	AFT SEC TUBE	2478104	O	T	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	91-C-0067	200	\$ 103.46
60	MK 12/18	STRIP OFF RING	706AS111	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	91-M-1430	250	\$ 74.97
61	MK 12/18	MOTOR TUBE	2478089	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	92-C-0004	300	\$ 221.00
62	MK 12/18	TUBE PLASTIC	707AS118	N	T/P	90 DAYS	90 DAYS	MIL-I-45208 OR EQUIV			
63	MK 12/18	DOUBLE TANG LOCK	708AS112			150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	90-C-0017	240	\$ 193.00
64	MK 123 USRM	MANIFOLD	844AS548	N	M	240 DAYS	240 DAYS	MIL-I-45208 OR EQUIV			
65	MK 124 USRM	MANIFOLD	844AS453	N	M	240 DAYS	240 DAYS	MIL-I-45208 OR EQUIV			
66	MK 16	GRAIN SLEEVE	SK5130E-MK-16			120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	94-M-2420	250	\$ 63.00
67	MK 164 USRM	ASSY CASE CLOS	759AS205	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-H-021C	400	\$ 74.20
68	MK 164 USRM	CASE IGNITER	759AS204	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	01-H-086B	100	\$ 52.30
69	MK 164 USRM	RETAINER SLEEVE	759AS215			120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-H-A8DM	200	\$ 6.43
70	MK 18	NOZZLE	2546987			240 DAYS	240 DAYS	MIL-I-45208 OR EQUIV	98-M-0057	100	\$ 147.50
71	MK 18	MTR TRUNNION	2478105	O	C	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	89-C-0126	190	\$ 82.00
72	MK 18	CAT TRUNNION	2478106-2	O	C	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	90-C-0017	190	\$ 141.00
73	MK 18	CAT TUBE	2487108	O	T	180 DAYS	180 DAYS	MIL-I-45208 OR EQUIV	90-C-0017	190	\$ 212.00
74	MK 18	HEAD CARTRIDGE	2478091			120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-H-7350	100	\$ 99.47
75	MK 20 SQUIB	CHOKE & PLUG ASSY	5206526	N	M	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
76	MK 20 SQUIB	SQUIB SHELL	5761604	N	M	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
77	MK 79 MOD 1	CASTING TOOLING	89C-Y-058	N	M	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
78	MK 82	MTR HSG ASSY	944AS231	N	M/P	90 DAYS	120 DAYS	MIL-I-45208 OR EQUIV			
79	MK 82/90	FIRING PIN HSG	944AS229	O	M	150 DAYS	150 DAYS	MIL-I-45208 OR EQUIV	00-C-0052	50	\$ 605.40
80	MK 82/90	INSULATION TUBE	944AS116	N	T/P	90 DAYS	90 DAYS	MIL-I-45208 OR EQUIV	00-H-A47G	200	\$ 89.03
81	MK 90	MTR HSG ASSY	970AS204	N	M/P	150 DAYS	180 DAYS	MIL-I-45208 OR EQUIV			
82	PDRM	BODY	844AS511	N	M	120 DAYS	120 DAYS	MIL-I-45208 OR EQUIV	00-C-0052	200	\$ 605.40

# PAST HISTORY AND QUALIFICATION REQUIREMENTS

PROGRAM	PART NAME	PART NUMBER	NEW=N OLD=O	TUBE=T MACH PART = M CASTING = C PLASTIC = P FORMED=F	QUAL LEAD TIME	PROD LEAD TIME	QUAL RQMTS	LAST CONTRACT	QTY	UNIT PRICE
83	PDRM	NOZZLE	844AS524	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
84	PVU-1, 2, & 12	CUP	851AS114B	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
85	PVU-1/A	ANVIL	851AS113A	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
86	PVU-10/A	CUP	1496AS102	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
87	PVU-10/A	ANVIL	1496AS101	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
88	PVU-12/A	ANVIL	851A251B	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
89	PVU-2/A	ANVIL	851AS862	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
90	PVU-7/A	CUP	851AS502	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
91	PVU-7/A	ANVIL	851AS501A	N	F	120 DAYS	MIL-I-45208 OR EQUIV			
92	ROADRUNNER	MTR CAST TOOLING	93D-Y-040	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
93	SR-121 JATO	CLOSURE FWD	13280998	N	M	120 DAYS	MIL-I-45208 OR EQUIV	02-C-0012	180	\$ 73.37
94	SR-121 JATO	BRACKET	13281013	N	M	120 DAYS	MIL-I-45208 OR EQUIV	02-C-0012	180	\$ 43.78
95	SR-121 JATO	MTR CAST TOOLING	90C-Y-014	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
96	SR-121 JATO	NOZZLE ASSY	13281015	N	M/P	120 DAYS	MIL-I-45208 OR EQUIV	02-C-0012	192	\$ 306.72
97	SR-121 JATO	MTR CASE	13280997	N	M/T	120 DAYS	MIL-I-45208 OR EQUIV	02-C-0012	192	\$ 295.84
98	SR121-JATO	CABLE ASSY	13350008	N	M	120 DAYS	MIL-I-45208 OR EQUIV	94-C-0078	350	\$ 104.40
99	SR121-JATO	FAIRING FWD	13350007	N	P	120 DAYS	MIL-I-45208 OR EQUIV	99-C-0046	60	\$ 82.19
100	USRM	MOTOR TUBE	844AS488	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
101	USRM	MOTOR TUBE	844AS489	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
102	USRM	MOTOR TUBE	844AS490	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
103	USRM	MOTOR TUBE	844AS491	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
104	USRM	MOTOR TUBE	844AS492	N	M	120 DAYS	MIL-I-45208 OR EQUIV			
105	USRM	MOTOR TUBE	844AS520	N	M	120 DAYS	MIL-I-45208 OR EQUIV			

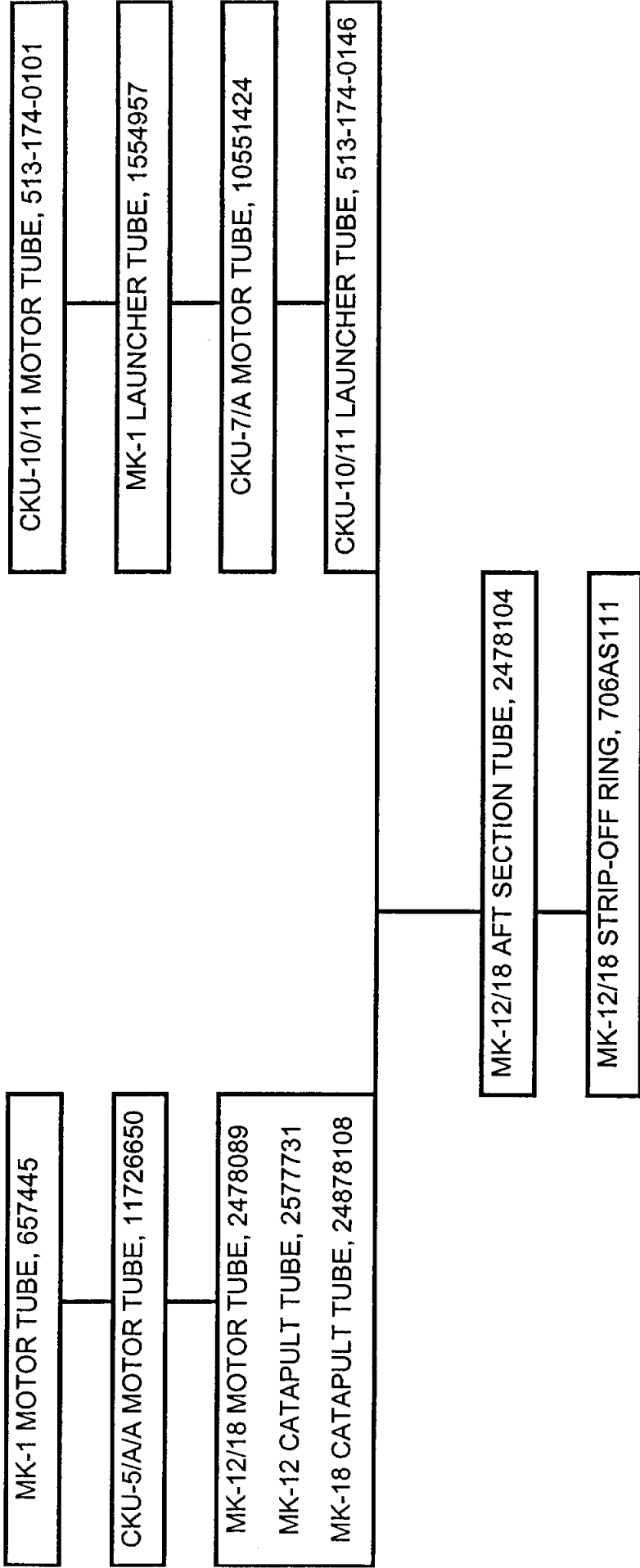
# QUALIFIED BIDDERS LIST WAIVER GUIDELINES FOR DEGREE OF DIFFICULTY PARTS MACHINED FROM STOCK

CKU-10 NOZZLE, 513-174-0102 CKU-7/A RETAINER, 10551418 MK82 MOTOR HSG ASSY 944AS231	MK106 MOTOR CASE 1506AS106 CKU-10/11 BREECH, 513-174-0143	CKU-11 NOZZLE, 513-174-0201 CKU-7/A NOZZLE, 10551414 MK 90 MTR HSG ASSY 970AS204
	CKU-7/A MOUNT, 10551413 CKU-10/11 HEAD, 513-174-0148 CKU-10/11 TRUNNION, 513-174-0147 USRM SLEEVE RETAINING 759AS215 CKU-10/11 LOCK ONE PC SK5130K-M9-9501 CKU-5/A/A NOZZLE. 11743978 JAU 9 FWD CLOSURE SK4505771	
CKU-10/11 LOCK, 513-174-0115 CKU-5/A/A BREECH, 11743979 CKU-5/A TANG 11726657 MK164 USRM CASE CLOS ASSY 759AS205 CKU5/A RETAINER 11744248	CKU-7/A HEAD, 10551412 CKU-5/A/A HEAD, 11744255 MK-1 LAUNCHER BREECH, 657444	MK-18 RKT MOTOR TRUNNION, 2478105 MK 18CATAPULT TRUNNION, 2478106-2 MK-12 TRUNNION, 2577733-2 MK-12/18 DBL. TANG LOCK 706AS112 USRM MOTOR TUBE 844AS520
CKU-5/A/A FIR.. PIN HSG.5184326 MK-82/90 FIR. PIN HSG. , 944AS229 CKU-7/A CAM, 10551411 MK-12 CARTRIDGE HEAD 709AS116		CKU-7/A SLEEVE, 10551420 MK-12/18 STRIP OFF RING, 706AS111 CKU-7/A RELEASE, 10551416 MK-18 CARTRIDGE HEAD 2478091
	MK-1 BOOSTER CHG. SUPP.ASSY.657441 CKU-10/11 IGNITER HEAD 513-174-0127 CKU-7/A RELEASE SK5120A-CKU-7-9901 LTM BODY 844AS475 MK164 USRM IGN CASE 759AS204 SR121 JATO MOTOR CASE 13280997	
CKU-10/11 CASE CARTRIDGE 513-174-0120 MK 109 INSERT 150AS128 PDRM BODY 844AS511 PDRM NOZZLE 844AS524 SR121 JATO BRACKET 13281013 SR121 JATO CLOSURE FWD. 13280998 MK-1 BREECH CAN 4902570		MK-109 9GNITION CAP 1507AS127 USRM MOTOR TUBE 844AS488 USRM MOTOR TUBE 844AS489 USRM MOTOR TUBE 844AS490 USRM MOTOR TUBE 844AS491 USRM MOTOR TUBE 844AS492 CKU-10/11 UNLOCK PISTON 513-174-0134

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QUALIFIED BIDDERS LIST WAIVER GUIDELINES FOR DEGREE OF  
DIFFICULTY

LARGE DIAMETER TUBES



ENCL(2)

# QUALIFIED BIDDERS LIST WAIVER GUIDELINES FOR DEGREE OF DIFFICULTY

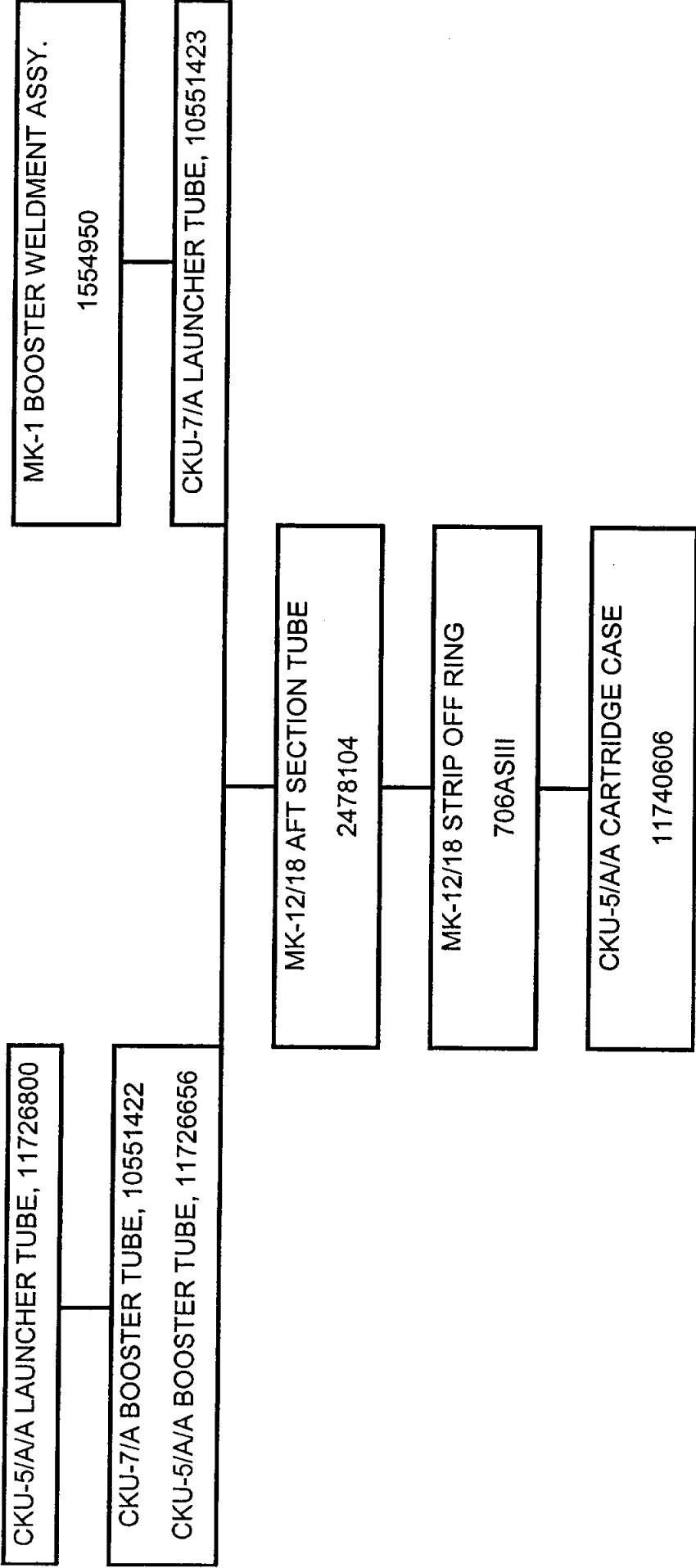
## CASTINGS

<p>MK123 USRM MANIFOLD 844AS548 MK-124 USRM MANIFOLD 844AS453</p>
<p>CKU-7/A TRACK, 10551421</p>
<p>MK-1 NOZZLE ASSY, 657446</p>
<p>MK-18 RKT MOTOR TRUNNION, 2478105 MK-18CATAPULT TRUNNION, 2478106-2 MK-12 TRUNNION, 2577733-2</p>
<p>CKU-7A HEAD, 10551412</p>
<p>MK-12 NOZZLE, 2577736 MK-18 NOZZLE, 2546987</p>
<p>CKU-5/A/A NOZZLE, 11743978</p>
<p>MK-1 BREECH CAN 4902570</p>

ENCL(2)

QUALIFIED BIDDERS LIST WAIVER GUIDELINES FOR DEGREE OF DIFFICULTY

SMALL DIAMETER TUBES



ENCL(2)

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**COMPOSITE METAL / PLASTIC ASSEMBLIES**

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JAU 9 MTR CHAMBER INS. 4505772 SR-121 JATO NOZZLE ASSY 13281015 JAU 9 NOZZLE ASSY. SK4505780
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**NON-METAL PARTS**

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CKU-5 GRAIN SLEEVE 11820366 MK-16 GRAIN SLEEVE SK5130E-MK-16 CKU-10/11 INHIBITOR TUBE 513-174-0138 CKU-10/11 GRAIN SLEEVE 513-174-0104 MK-12/18 TUBE PLASTIC 707AS118 MK-82/90 INSULATION TUBE 944AS116 SR-121 JATO FAIRING FWD 13350007 CKU-7/A GRAIN SLEEVE 11820366
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**PRIMER / SQUIB PARTS**

SR121-JATO CABLE ASSY 13350008  
MK-20 SQUIB SHELL 5761604  
MK-20 CHOKE & PLUG ASSY 5206526  
PVU-1,2&12 CUP 851AS114B  
PVU-1/A ANVIL851AS113A  
PVU-10/A CUP 1496AS102  
PVU-10/A ANVIL 1496AS101  
PVU-12/A ANVIL851A251B  
PVU-2/A ANVIL 851AS862  
PVU-7/A CUP 851AS502  
PVU-7/A ANVIL 851AS501A

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**CASTING TOOLING**

SR-121 JATO MTR CAST TOOLING 90C-Y-014  
ROADRUNNER MTR CAST TOOLING 93D-Y-040  
MK-109 CASTING TOOLING 89C-Y-066  
MK-79 MOD 1CASTING TOOLING 89C-Y-058  
CKU-10/11 CASTING TOOLING 94D-Y-076

ENCL(2)

## QUALIFIED BIDDERS LIST (QBL) WAIVER REQUEST METHOD "B" QUALIFICATION

**INSTRUCTIONS:** Please read all sections and provide requested information, if applicable, in the spaces provided and by attaching enclosures, as directed. Failure to respond or to supply requested documents, without justification, will cause this waiver to be considered incomplete and disapproved.

### SECTION I. ORIGINATOR OF WAIVER

1. Company Name and Address:

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2. Originator of Waiver Request:

A. Name: \_\_\_\_\_

B. Title: \_\_\_\_\_

C. Phone Number: \_\_\_\_\_

D. Alternate Point of Contact: \_\_\_\_\_

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3. Description of Component for which qualification is being requested:

A. Component Name: \_\_\_\_\_

B. Drawing Number/Revision: \_\_\_\_\_

4. Date of Waiver Request: \_\_\_\_\_

### SECTION II. QBL SURVEY

*Please respond to all questions, providing YES or NO responses and dates along with supplying the detailed information, where applicable.*

1. Contractor Has Undergone a QBL Quality/Technical survey: YES NO  
A. If yes, respond to questions 2 through 5.  
B. If no, when will you be available for a QBL Survey? \_\_\_\_\_

2. Date of initial QBL Quality/Technical Survey: \_\_\_\_\_

3. Date of Approval as a QBL Vendor: \_\_\_\_\_

4. Have any significant company changes taken place, that impacts management, production, or quality since QBL status approval: YES NO  
A. If yes, describe change and explain effect: \_\_\_\_\_
- 

5. Has your quality manual been revised since QBL status approval: YES NO  
A. If yes, enclose an updated, controlled copy as a part of this waiver request.

ENCL(3)

## **QUALIFIED BIDDERS LIST (QBL) WAIVER REQUEST METHOD "B" QUALIFICATION**

*INSTRUCTIONS: Please complete either Section III or Section IV, as warranted by the component part being considered for qualification via waiver request.*

### **SECTION III. QUALIFICATION BY PREVIOUS *IDENTICAL* MANUFACTURE:**

1. List Purchase Order/Contract numbers, quantities manufactured, and customer (include point of contact and telephone number) for the three most recent lots manufactured:

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2. Provide copies of the following documents to support the most recent purchase cited in Question (1) above:

- A. Purchase Order or Contract
- B. Make or Buy list to specifically include:
  - 1. Make Documents
    - 1.1 Manufacturing and process plans
    - 1.2 Shop travelers/route cards
    - 1.3 Receiving inspection reports covering raw materials
    - 1.4 First Article/First Piece Off inspection reports
    - 1.5 Inprocess Inspection Reports
    - 1.6 Final Inspection Report
  - 2. Buy Documents
    - 2.1 Purchase order to each supplier or subcontractor
    - 2.2 Receiving inspection reports
    - 2.3 Audit or supplier or subcontractor

3. Provide a listing of all subcontractors with their quality and performance rating denoted.

4. Provide proof of delivery of acceptable hardware along with resulting performance pertaining to the original schedule and cost.

- A. Include the following documents, if applicable:
  - 1. Notification of non-conforming material shipped that also includes the results of any corrective actions taken
  - 2. Justification for missing the original, or any subsequent, delivery dates
  - 3. Justification for any cost overrun that exceeded the originally quote price

ENCL(3)

## QUALIFIED BIDDERS LIST (QBL) WAIVER REQUEST METHOD "B" QUALIFICATION

### SECTION IV. QUALIFICATION BY SIMILARITY

1. List component name and drawing number. Enclose a copy of the drawing.

Component name: \_\_\_\_\_  
Drawing number: \_\_\_\_\_

2. List Purchase Order/Contract numbers, quantities manufactured, and customer (include point of contact and telephone number) for the two most recent lots manufactured:

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3. Provide copies of the following documents to support the most recent purchase cited in Question (2) above:

- A. Purchase Order or Contract
- B. Make or Buy list to specifically include:
  - 1. Make Documents
    - 1.1 Manufacturing and process plans
    - 1.2 Shop travelers/route cards
    - 1.3 Receiving inspection reports covering raw materials
    - 1.4 First Article/First Piece Off inspection reports
    - 1.5 Inprocess Inspection Reports
    - 1.6 Final Inspection Report
  - 2. Buy Documents
    - 2.1 Purchase order to each supplier or subcontractor
    - 2.2 Receiving inspection reports
    - 2.3 Audit or supplier or subcontractor

### SECTION V. PROPOSED COMPONENT

*Please document and forward the following information regardless of whether you are requesting waiver approval under Section III or IV.*

1. Provide copies of the following approved, draft or planning documents, as applicable:
- A. Intended manufacturing and process plan.
  - B. Identify subcontractors you anticipate using by item, process or service
  - C. If applicable, discuss specific detail similarities between the waiver and similar item
  - C. List any projected production concerns.

ENCL(3)